

Section II (Remarks)

New claim 23 has been introduced in this Amendment.

23. A method for detecting presence of a target gas in an environment susceptible to the presence of same, comprising: providing an electrical gas sensor element having a catalytic surface that effectuates exothermic or endothermic reactions of said target gas at elevated temperatures; subjecting the gas sensor element to controlled heating; and determining whether the target gas is present in said environment, by response of said gas sensor element under the controlled heating.

Such claim is coextensive with the Examiner's stated reasons for allowance in the February 24, 2006 Notice of Allowability:

"the prior art does not teach control of heating to a gas sensor having both exothermic and endothermic reactions to the target gas species at elevated temperatures."

(page 2, lines 5-7 of the February 24, 2006 Notice of Allowability).

Since the added claim 23 is coextensive with the examiner's statement of reasons for allowance, it is respectfully submitted that such claim introduces no new issues and requires no new consideration, and thus is properly entered in the application for inclusion in the patent to be issued on this application.

Fee Payable for Added Claim 23

The added claims fee of \$200 for the added claim 23 is enclosed in the form of a credit card authorization form, authorizing the charging of such \$200 fee to the credit card that is specified in the credit card authorization form.

Authorization is also hereby given to charge the amount of any additional fee or amount properly

payable in connection with this Amendment, to Deposit Account No. 08-3284 of Intellectual Property/Technology Law.

CONCLUSION

Claim 23, as presented herein, is respectfully requested to be entered in the present application, since it is coextensive with the examiner's stated reasons for allowance of the present application, and is fully consistent with and supported by the disclosure in the application. The issue fee for the application is being concurrently submitted to the USPTO under separate cover on May 24, 2006. It therefore is respectfully requested that the processing and entry of the Rule 312 Amendment be expedited, so that the patent on this application can be issued at an early date.

Respectfully submitted,



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The USPTO is hereby authorized to charge any deficiency or credit any overpayment of fees properly payable for this document to Deposit Account No. 08-3284